



IBSC International Bilingual School
at
Central Taiwan Science Park

國立中科實驗高級中學雙語部



Year 2023-24 Second Semester Midterm Exam Scope-Grade 9 to Grade 12 & Elective Courses

Subject	Grade 9	Grade 10	Grade 11	Grade 12
Language Arts	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment Students will present an informative text that thematically links to either Romeo and Juliet or Life of Pi.	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment The Necklace story and all worksheets related to the story. Vocabulary Chp 8-9. Grammar Chp 13	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment Students will present an informative text that thematically links to either Animal Farm or The Crucible.	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment Students will write and present a comparison and contrast of Roald Dahl's short story "The Wonderful Story of Henry Sugarman" and that of the movie.
Chinese	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment Class projects L1,2,3	<input type="checkbox"/> Paper Exam-50 minutes <input checked="" type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment 岳陽樓記、現代詩-錯誤、晚遊六橋待月記、青春並不消逝只是遷徙 作文一篇(500字以上)	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment 諫逐客書, 威尼斯商人	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment Class projects L1,2
Science	<input type="checkbox"/> Paper Exam-50 minutes <input checked="" type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment ch8 From DNA to proteins Ch9 Frontiers of Biotechnology Ch10 Principles of evolution Ch11 The evolution of population	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Interference of Light Diffraction Gratings Resolution and Rayleigh Criterion Displacement, velocity, and acceleration Kinematics graphs Free fall and constant acceleration motion	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Topic 13:Aqueous Solutions 13.1 Ions in Aqueous Solutions Topic 14: Acids and Bases 14.1 Properties of Acids and Bases 14.2 Acid-base Theories 14.3 Acid- Base Reactions	



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			Topic 15: Acid- Base Titration and pH 15.1 Aqueous Solutions and the Concept of Ph 15.2 Determining Ph and Titration	
Math	<input type="checkbox"/> Paper Exam-50 minutes <input checked="" type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment - Similarity <ul style="list-style-type: none"> - Dilations - Similarity Trans - Prove Similarity - Similarity in right triangle - Right Triangles and Trig <ul style="list-style-type: none"> - Rt. Tr. and pythagorean - Trig Ratios - Law of Sines - Law of Cosines - Coordinate Geometry <ul style="list-style-type: none"> - Polygons - Coordinate Proofs - Circles in Coordinate - Parabolas in Coordinate 	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Chap. 7 - 8.3 and additional materials	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Polar coordinates/rectangular coordinates (points, equations, sketching) Complex numbers / Polar form De Moivre's Theorem nth roots of complex number Parametric equations Vectors (2 & 3 dim) Dot / Cross Product Equations of Lines and Planes	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment Students will complete their AP Statistics practice exam questions before 12 p.m., 4/20.
Social Studies	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Alexander the Great Rome <ul style="list-style-type: none"> • Founding & Geography • Republic • Culture • Punic Wars • Emperors • Fall 	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Scientific Revolution Enlightenment Napoleon French, English, and American Revolutions China to 1900	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Cold War Origins Cold War Culture Cuban Missile Crisis Vietnam and Korean Conflicts USSR Invades Afghanistan Communism in China	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Socialization and Personality Development Social Control Deviance Crime Social Stratification



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Year 2023-24 Second Semester Midterm Exam Scope- Elective Courses

Course	Content	Course	Content	Course	Content
AP Biology	<input type="checkbox"/> Paper Exam-50 minutes <input checked="" type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Unit 5 heredity(Ch12-14) Unit 6 gene expression and regulation(Ch15-18) Unit 7 natural selection(Ch18-21)	AP Chemistry	<input type="checkbox"/> Paper Exam-50 minutes <input checked="" type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Unit 5: CHEMICAL KINETICS Unit 6: Thermodynamics Unit 7: Equilibrium Unit 9: Application of Thermodynamic	AP Physics 1	<input type="checkbox"/> Paper Exam-50 minutes <input checked="" type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment All AP exam materials will be tested except for angular momentum. Students will complete one 25-question MCQ for the first 50 minutes, do self-studying for 10 minutes and complete a second quiz with FRQ and short answers questions.
AP Calculus AB	<input type="checkbox"/> Paper Exam-50 minutes <input checked="" type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment 1. Integration <ul style="list-style-type: none"> • Riemann Sums • Antiderivatives • Fundamental Theorem of Calculus • Definite/Indefinite Integrals • Integrating using substitution, long division 2. Differential equations <ul style="list-style-type: none"> • Modeling Situations with DE • Slope Fields • Finding solutions using separation of variables 3. Applications of integration <ul style="list-style-type: none"> • Average value of a function • Position, velocity and acceleration • Finding Area between curves 	Language and Composition Supports	<input checked="" type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input type="checkbox"/> Alternative Assessment Unit 4: People and the Planet Reading Comprehension: <ul style="list-style-type: none"> - Analyze Author's Viewpoint - Author's Word Choice: Imagery, Mood, Connotation, Figurative Language - Analyze Persuasive speech Concept and Vocabulary Meaning: <ul style="list-style-type: none"> - Anglo-Saxon Suffix: '-ness' - Latin Prefix: 'uni-' Conventions: Verb Mood: <ul style="list-style-type: none"> - Indicative and Subjunctive - Infinitive Phrases and Gerunds Writing: <ul style="list-style-type: none"> - Argumentative Writing(Elements) - Elements of Multimedia Presentation - Writing to Compare 	Current Events	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment Please refer to the instructor for the content of the midterm exam.



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Course	Content	Course	Content	Course	Content
			Structure of Examination - Multiple Choice questions Writing: The Writing Paper will be administered before doing the English Language Examination.		
Exercise and Disease Prevention	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment Please refer to the instructor for the content of the midterm exam.	Exploring Immersive Theatre	<input type="checkbox"/> Paper Exam-50 minutes <input type="checkbox"/> Paper Exam-110 minutes <input checked="" type="checkbox"/> Alternative Assessment IE Theatre Festival: Refer to the festival website or Thespys website for guidelines for your category and specific grading rubric.		